



Washington Department of Fish and Wildlife

Fish Passage & Diversion Screening Inventory Database Report Cover Sheet

The following report is extracted from the Washington Department of Fish and Wildlife's (WDFW) Fish Passage and Diversion Screening Inventory Database (FPDSI). WDFW makes every attempt to keep these reports in sync with FPDSI; however, the dynamic nature of the data and workflows associated with maintaining the database may result in short-term differences.

Users are encouraged to contact WDFW to discuss appropriate use of the data and how we can assist with fish passage barrier removal or inventory. Please visit the Fish Passage web site for contact information at: <https://wdfw.wa.gov/species-habitats/habitat-recovery/fish-passage/about>

Disclaimers:

- Data presented here represent a snapshot observation of conditions in a dynamic environment that is subject to change. Fish passage data are also collected from a variety of agencies and sources. Therefore, WDFW makes no guarantee concerning the data's content, accuracy, completeness, or the results obtained from use of the data. WDFW assumes no liability for the data represented here.
- These data are not an attempt to provide you with an official agency response as to the impacts of your project on fish and wildlife.
- Note that some fish passage features, habitats or species may occur in areas not currently known to the WDFW Fish Passage division, and may not be reflected in this database. A lack of data does not necessarily indicate that a feature, habitat, or species are not present.
- Unauthorized attempts to alter or modify these data are strictly prohibited.
- Bankfull width measurements included in these reports should not be used for fish passage crossing design. They are solely for assessment purposes.
- The barrier status reported in this document is based on the swimming abilities of adult salmonids. Passabilities are a qualitative value, and should not be interpreted as a quantitative calculation. Please see page 1-4 of the Fish Passage Inventory, Assessment and Prioritization Manual for further clarification: <https://wdfw.wa.gov/publications/02061>
- EXIF data presented with Image Reports may be erroneous due to camera battery failures and resetting of camera clock functions.

Abbreviations:

Most abbreviations in this report are defined in the Quick Reference Tables of the Fish Passage Inventory, Assessment, and Prioritization Manual. Additional commonly used abbreviations are defined as follows:

NFB = no potential salmonid use, **BB** = both banks, **LB** = left bank looking downstream, **RB** = right bank looking downstream, **US** or **U/S** = upstream, **DS** or **D/S** = downstream, **WSDrop** = water surface drop, **BFW** = bankfull width, **OHW** = ordinary high water, **SLW** = scour line width, **CMP** = corrugated metal pipe, **Q_{fp}** = fish passage flow, **V&D** = Velocity and Depth, **ROW** = Right of Way

The FPDSI database often uses default values such as '-99.99' or '-999' to represent null values.

WDFW Fish Passage and Diversion Screening Inventory Database

Site Description Report

Site ID 996807

Project WSDOT

☐ Mitigated

Geographic Coordinates

Latitude (WGS 84): 47.7517008
Longitude (WGS 84): -122.6646713
East (NAD 83 HARN): 1,107,893.0
North (NAD 83 HARN): 889,297.3

Waterbody

Stream: Johnson Cr
Tributary To: Liberty Bay
WRIA: 15.0284
River Mile: -999.99
Fish Use Potential: Yes
FUP Criteria: Biological

General Location

Road Name: SR 3; NB off-ramp
Mile Post: 52.89
County: Kitsap
WDFW Region: 6

Owner

Type: State
Name: Washington State Department of Transportation

PI Species

☐ Sockeye ☐ Chinook ☒ Sea Run Cutthroat
☐ Pink ☒ Coho ☒ Resident Trout
☐ Chum ☒ Steelhead ☐ Bull Trout

Associated Features

☒ Culvert ☐ Dam ☐ Natural Barrier ☐ Diversion
☐ Non-Culvert Xing ☐ Other ☐ Fishway

Location/Directions

0.20 mi from beginning of NB off-ramp from SR 3 to Finn Hill Road

Site Comments

Juvenile Salmonid Observed by WDFW 8/16/2021

11/19/2021

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WDFW Fish Passage and Diversion Screening Inventory Database

Level A Culvert Assessment Report

Site ID: **996807**
 Latitude: **47.7517008** Stream: **Johnson Cr** WRIA: **15.0284**
 Longitude: **-122.6646713** Tributary To: **Liberty Bay** Fish Use Potential: **Yes**

Data Source: Washington Department of Fish and Wildlife

Field Crew: Munguia;Snyder

Review Date: 8/16/2021

Culvert Details

Level A Parameters

ID	Shape	Material	Span	Rise	Length	WDIC	Apron	WSDrop	Location	Countersunk	Backwater	Slope (%)	Sediment
1.1	ARCH	SPS	4.10	2.43	11.20	0.02	NO	0.00		Yes	No	1.43	

All dimensions in meters

Channel Description

Toe Width (m): 0.95

Average Width (m): 1.56

Culvert/Stream Width Ratio: 2.63

Plunge Pool

Length (m): 0.00

Max Depth (m): -99.99

OHW Width (m): -999.99

Road

Fill Depth (m): 8.00



Assessment Results

Tidal Influence: No

Tidegate Present: No

Barrier: No

Passability (%): 100

Method: Level A

Reason: N/A

Fishway Present: No

Recheck:

Comments

Culvert has LB footing exposed, with the stream flowing on top of it; Measurements taken from thalweg. Reinforced sheer head wall with metal fencing.

Potential Habitat Gain

Survey Type:

Spawning (sq m):

Length (m):

Significant Reach: Unknown

Rearing (sq m):

PI Total:

11/19/2021

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WDFW Fish Passage and Diversion Screening Inventory Database
Image Report - Active

Site ID: **996807**

Latitude: **47.7517008**

Longitude: **-122.6646713**

Stream: **Johnson Cr**

Tributary To: **Liberty Bay**

WRIA: **15.0284**

Fish Use Potential: **Yes**

Associated Features

☒ Culvert

☐ Dam

☐ Natural Barrier

☐ Diversion

☐ Non-Culvert Xing

☐ Other

☐ Fishway



11/19/2021

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